

2004 WEATHER SUMMARY

January

January temperatures averaged 7.3 degrees colder than normal. This was the coldest January since 1994 and the 12th coldest since the beginning of comparable records in 1895. The lowest temperature in the state was -40 degrees at Highmarket. New York's string of six consecutive wet months came to an end. The state average of 2.12 inches of rain and melted snow was 71 percent of normal. Areas immediately southeast of Lake Ontario were buried under lake-effect snow during the closing days of the month.

February

February temperatures averaged 0.7 degrees colder than normal. This was 2.3 degrees warmer than February 2003, but cooler than the previous seven February's. The lowest temperature in the state was -34 degrees at Gouverneur on the 15th. February was also a very dry month. The average of 1.41 inches of rain and melted snow was only 58 percent of normal. This was the driest February since 1999 and the 6th driest in the last 110 years.

March

March temperatures averaged 3.1 degrees warmer than normal. This was 3 degrees warmer than last March and the warmest March since 2000. The lowest temperature in the state was -11 degrees at Lake Placid on the 24th. Temperatures rising into the low 70's were not an uncommon sight between the 26th-28th. After a wet year in 2003, each of the first three months of 2004 have been drier than normal. The average of 2.35 inches of precipitation during March 2004 was 75 percent of normal. This was the driest March since 1996.

April

April temperatures averaged 1.2 degrees warmer than normal. Across much of the Hudson Valley, temperatures on the 19th approached or exceeded 90 degrees. April broke New York's string of dry months, with a precipitation total that averaged 111 percent of normal.

May

May was the third consecutive month with a statewide average temperature that was warmer than normal. The average temperature was 3.8 degrees warmer than normal. This was the warmest May since 1998 and the 8th warmest in 110 years of comparable records. Rainfall was plentiful. The average precipitation amount was 5.45 inches which was 148 percent of normal. Overall this was New York State's 7th wettest May in 110 years of record.

June

June averaged 1.4 degrees cooler than normal. This was the coolest June for the state since 1992. Rainfall was below normal. The average precipitation amount of 2.83 inches was 71 percent of normal.

July

July averaged 0.7 degrees cooler than the 30-year mean. In a turnaround from last month, July received an average of 5.77 inches of rain. This was 151 percent of normal. This amount was sufficient to make it the 7th wettest July since records began in 1895 and the wettest since 1992.

August

August averaged 0.2 degrees cooler than normal. This was the state's coolest August since 2000. August

was the second month in a row that was very wet. The state received an average of 5.86 inches of rain, which was 152 percent of normal. This made it the 5th wettest August since records began in 1895 and the wettest since 1955.

September

September averaged 3.6 degrees warmer than normal. This was the state's 13th warmest September on record. September was yet another wet month for much of New York State, especially the southeast. The state received an average of 5.60 inches of rain, which was 135 percent of the September normal. This made it the 9th wettest September on record and the wettest since 1999.

October

October averaged 1.1 degrees warmer than normal. October broke a string of wet months. The state received an average of 2.34 inches of rain, which was 67 percent of the October normal.

November

November was the third consecutive month that averaged warmer than normal. The month averaged 1.7 degrees warmer than normal. An average of 3.28 inches of precipitation fell, which was 88 percent of normal.

December

December averaged 0.1 degrees warmer than normal. An average of 4.16 inches of precipitation fell, which was 128 percent of normal. This was the second wettest December since 1996 and the 13th wettest December in 110 years of record.

Figure 3.
**AVERAGE DATE OF THE LAST
 SPRING 32°F FREEZE**



Figure 4.
**AVERAGE DATE OF THE FIRST
 AUTUMN 32°F FREEZE**



Table 89. **TEMPERATURE:** Normals by Months at New York Selected Stations

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	<i>Degrees F.</i>												
Albany	20.7	23.5	34.2	46.4	57.6	66.7	71.8	69.4	61.2	50.2	39.6	26.6	47.3
Batavia	23.5	24.6	34.5	46.0	57.4	66.4	70.7	68.5	62.1	51.4	40.6	28.8	47.8
Binghamton	21.2	22.8	32.5	44.2	55.8	64.0	69.1	67.1	59.5	48.7	38.3	26.6	45.9
Bridgehampton	30.0	31.1	38.1	46.6	56.1	65.5	71.4	70.9	64.0	54.0	45.0	35.1	50.5
Buffalo	23.7	24.6	33.8	45.1	56.5	65.8	71.1	68.9	61.9	51.1	40.5	29.1	47.7
Canton	14.9	16.5	28.8	42.1	54.1	63.1	68.2	65.8	58.1	46.8	36.0	21.0	43.0
Chazy	16.2	18.1	29.7	43.0	55.4	64.4	69.1	66.6	58.3	47.5	36.1	22.3	43.9
Cooperstown	20.5	22.3	32.2	43.3	54.9	63.1	67.6	66.2	58.8	48.4	37.9	25.9	45.0
Dansville	23.9	25.0	34.3	45.3	56.5	65.5	70.2	68.4	61.3	50.7	40.8	29.7	47.7
Elmira	22.8	24.1	34.0	45.0	55.8	64.6	69.6	67.6	60.3	48.9	39.6	28.4	46.8
Fredonia	25.0	25.7	35.2	46.0	57.2	66.4	70.9	69.1	63.1	52.9	42.3	30.9	48.7
Geneva	22.5	23.4	33.1	44.8	55.9	65.1	70.3	68.5	61.2	50.2	39.9	28.0	46.9
Glens Falls	18.9	21.7	32.5	45.0	56.8	65.1	70.0	67.6	59.7	48.7	37.4	24.3	45.7
Gloversville	18.1	19.9	30.9	43.9	55.6	64.4	69.1	66.9	58.6	47.8	36.5	24.3	44.6
Ithaca	21.6	22.6	32.9	43.9	54.9	63.9	68.5	66.7	59.7	48.9	39.2	27.7	45.9
Liberty	20.5	22.6	32.2	43.7	54.5	62.8	67.6	65.8	58.3	47.7	37.6	25.7	45.0
Little Valley	20.8	21.6	31.3	42.4	53.1	62.1	66.6	64.9	58.3	47.8	37.8	26.8	44.4
Lowville	15.6	17.4	28.9	41.9	53.8	62.8	67.5	65.3	57.2	46.6	35.2	22.3	42.8
Massena	14.4	16.5	28.4	47.6	55.0	63.9	69.1	66.4	57.9	46.9	35.2	20.3	43.0
New York City	31.5	33.1	41.4	51.4	61.7	71.1	76.3	75.4	68.2	57.4	47.3	36.5	54.1
Riverhead	30.6	31.6	39.6	48.6	59.2	68.4	73.4	72.5	65.8	55.6	45.9	35.6	52.2
Rochester	23.7	24.6	34.2	45.9	57.0	64.9	70.2	68.0	61.7	51.1	40.5	29.1	47.5
Syracuse	22.5	24.1	33.8	45.7	57.0	65.3	70.3	68.4	61.3	50.5	40.5	28.4	47.3
Utica	20.1	21.9	32.2	44.6	56.3	64.8	70.2	68.2	60.3	49.1	38.5	25.9	45.9
Watertown	18.1	19.4	31.1	43.7	55.8	64.8	70.3	68.4	60.3	48.7	38.1	24.4	45.1

Table 90. **PRECIPITATION:** Normals by Months at New York Selected Stations

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	<i>Inches</i>												
Albany	2.4	2.3	2.9	3.0	3.4	3.6	3.2	3.5	2.9	2.8	3.2	2.9	36.2
Batavia	1.6	1.8	2.0	3.1	3.3	3.8	3.0	3.8	3.6	3.0	3.0	2.5	34.5
Binghamton	2.4	2.3	2.8	3.1	3.4	3.6	3.5	3.4	3.3	2.9	3.3	3.0	37.0
Bridgehampton	4.2	3.8	4.1	4.0	3.8	3.6	3.0	3.4	3.5	3.4	4.5	4.3	45.7
Buffalo	2.7	2.3	2.7	2.9	3.1	3.5	3.1	4.2	3.5	3.1	3.8	3.7	38.6
Canton	1.9	1.9	2.1	2.8	3.0	3.3	3.4	4.2	3.8	3.2	3.4	2.8	35.8
Chazy	1.5	1.6	1.8	2.6	3.0	3.0	3.4	4.1	3.1	2.9	2.8	2.4	32.1
Cooperstown	2.4	2.2	3.0	3.3	3.6	4.2	3.5	3.5	3.7	3.0	3.4	3.1	39.0
Dansville	1.4	1.5	1.8	2.8	2.9	3.8	3.0	3.2	3.4	2.6	2.7	2.1	31.2
Elmira	1.8	2.0	2.3	2.7	3.2	3.8	3.4	3.0	3.1	2.8	2.9	2.3	33.3
Fredonia	2.3	2.1	2.6	3.2	3.1	3.7	3.6	4.0	4.6	3.9	4.2	3.4	40.7
Geneva	1.8	1.8	2.1	2.9	3.0	3.7	2.9	3.1	3.2	2.9	3.1	2.5	32.9
Glens Falls	2.7	2.6	3.4	3.7	4.4	3.9	3.7	4.3	3.8	3.4	4.0	3.5	43.4
Gloversville	2.8	2.6	3.3	3.5	4.0	4.0	3.7	3.9	3.8	3.3	3.8	3.5	42.4
Ithaca	1.8	2.0	2.3	2.9	3.3	3.8	3.4	3.4	3.5	3.2	3.1	2.6	35.4
Liberty	3.4	3.3	3.5	4.4	4.6	4.6	4.3	4.4	3.9	3.7	4.3	4.0	48.3
Little Valley	3.4	3.1	3.5	3.8	3.9	4.5	4.0	4.5	4.7	4.1	4.8	4.7	49.1
Lowville	3.0	2.5	2.8	3.1	3.0	3.5	3.3	3.8	3.8	3.4	4.1	3.7	40.1
Massena	2.1	2.0	2.1	2.6	2.5	3.1	3.2	3.7	3.5	2.8	3.1	3.2	34.1
New York City	3.0	2.9	3.6	3.8	3.8	3.6	4.1	3.7	3.4	3.0	3.8	3.4	42.1
Riverhead	4.0	3.6	3.9	4.1	3.8	3.7	3.3	3.8	3.2	3.5	4.3	4.1	45.3
Rochester	2.1	2.1	2.3	2.6	2.7	3.0	2.7	3.4	3.0	2.4	2.9	2.7	32.0
Syracuse	2.3	2.1	2.8	3.3	3.3	3.8	3.8	3.5	3.8	3.2	3.7	3.2	38.9
Utica	3.5	3.0	3.4	3.6	3.7	4.1	3.8	3.8	4.3	3.4	4.3	4.2	45.1
Watertown	3.3	2.4	2.6	2.9	3.2	3.4	2.8	4.1	4.2	3.7	4.4	4.0	40.9

Table 91. **TEMPERATURE:** Monthly Average Temperatures at New York Selected Stations, 2004

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Degrees F.</i>											
Albany	24.8	14.7	37.9	49.1	61.5	66.1	71.0	69.3	63.3	49.9	39.5	27.8
Batavia	26.1	16.8	38.5	46.5	60.3	64.7	69.8	68.0	65.9	52.7	43.3	28.2
Binghamton	23.7	13.4	35.5	45.0	59.6	62.5	66.8	66.2	61.8	48.8	39.1	26.9
Bridgehamton	32.4	23.7	38.7	47.5	57.6	65.4	70.3	69.6	64.8	52.5	44.2	35.9
Buffalo	25.5	17.4	37.1	46.0	58.2	63.6	69.1	67.2	65.2	51.6	42.4	29.7
Canton	16.8	6.7	1/	42.9	56.7	62.3	68.5	65.0	1/	47.3	37.2	22.2
Chazy	1/	1/	35.4	44.3	57.7	64.0	70.3	68.0	62.1	49.7	38.6	23.1
Coopertown	19.4	9.9	34.5	43.8	59.2	61.1	1/	66.6	62.2	48.1	38.5	26.1
Dansville	24.6	18.3	38.4	45.7	61.4	63.7	68.8	67.1	64.7	51.2	42.3	29.8
Elmira	22.5	16.9	36.7	45.3	62.0	63.0	68.0	67.4	63.4	49.1	40.7	28.8
Fredonia	27.9	20.4	40.0	47.6	61.4	65.6	70.1	68.2	66.5	54.2	44.5	32.9
Geneva	24.6	16.4	36.4	44.4	59.8	63.5	68.8	67.5	63.9	50.1	41.4	28.9
Glens Falls	17.3	8.9	34.3	45.6	58.4	62.1	68.0	66.4	64.7	47.4	36.5	25.1
Gloversville	19.6	12.0	33.1	44.3	58.6	62.5	68.0	68.0	62.3	47.2	38.7	24.1
Ithaca	21.6	15.8	36.4	44.5	60.8	62.5	67.9	67.0	62.6	48.8	39.9	28.7
Liberty	23.6	14.0	34.5	44.3	59.1	61.2	65.8	65.7	61.0	47.3	38.7	25.6
Little Valley	20.4	14.7	33.8	42.9	57.2	59.9	64.9	62.6	60.8	46.9	39.6	27.1
Lowville	16.4	6.7	31.8	42.1	57.1	60.4	66.7	64.2	60.6	46.2	36.3	22.2
Massena	15.8	5.4	31.0	42.0	55.7	61.8	68.5	65.4	60.3	46.4	36.2	19.2
New York City	35.0	24.8	43.7	53.6	65.2	71.3	74.5	74.3	69.4	56.0	48.2	38.4
Riverhead	33.4	25.0	40.8	50.6	62.4	68.3	73.8	74.1	69.3	56.2	48.1	38.5
Rochester	25.0	17.2	38.6	45.8	58.7	62.7	68.3	66.9	64.2	50.2	41.1	29.3
Syracuse	23.5	14.7	37.5	46.1	60.3	63.8	69.5	68.7	64.4	51.5	41.0	1/
Utica	22.6	11.1	34.9	44.8	58.7	62.3	68.2	66.5	63.1	49.0	38.3	25.8
Watertown	18.7	8.2	34.3	42.5	56.1	60.3	67.3	65.1	61.4	48.6	37.6	25.2

Table 92. **PRECIPITATION:** Monthly Precipitation at New York Selected Stations, 2004

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Inches</i>											
Albany	1.33	1.16	2.43	3.06	3.54	2.08	7.20	7.34	4.67	1.23	3.02	2.93
Batavia	0.19	1/	1.03	5.35	6.03	3.81	5.67	2.87	2.96	2.16	2.67	1.69
Binghamton	1.01	1.96	1.85	3.34	5.28	1.53	7.67	4.28	7.33	2.14	3.00	4.18
Bridgehamton	3.14	2.17	4.44	7.21	2.31	1.00	4.79	5.28	11.23	2.49	5.27	4.13
Buffalo	1.15	2.95	3.10	3.94	5.72	2.02	6.04	1.86	4.07	2.98	2.91	4.99
Canton	1.14	0.86	1/	2.67	4.43	3.44	5.31	5.44	1.19	3.31	2.69	3.94
Chazy	1/	1/	0.94	2.98	3.81	3.07	3.33	8.48	3.11	0.81	2.13	1.51
Coopertown	1.14	3.05	2.09	3.47	5.80	2.21	8.97	4.83	4.15	3.48	3.34	4.14
Dansville	0.10	1.17	1.49	3.58	6.99	3.50	4.11	3.80	5.37	2.04	2.01	2.27
Elmira	1.18	2.61	1.65	4.32	5.05	3.22	8.58	5.09	7.13	2.47	2.42	2.77
Fredonia	0.93	2.01	2.33	4.02	6.37	2.26	9.21	2.61	4.84	4.44	2.34	4.05
Geneva	0.99	1.49	1.66	4.13	5.27	2.19	6.46	3.78	4.81	2.43	2.24	2.48
Glens Falls	1.12	1.01	1.33	2.20	5.05	1.77	6.03	5.07	3.46	0.60	3.00	4.35
Gloversville	2.17	1.61	2.13	4.70	5.45	3.03	6.26	6.07	3.68	3.24	1/	6.98
Ithaca	0.96	1.71	2.35	4.33	6.09	2.86	7.04	7.63	5.14	2.35	2.54	2.26
Liberty	1.39	3.46	2.48	3.35	4.51	2.75	9.54	10.38	11.52	2.80	3.01	4.45
Little Valley	0.86	4.29	1.54	4.03	7.05	1.88	5.12	2.95	6.57	2.14	2.86	3.40
Lowville	1.66	2.04	1.80	3.66	5.27	1.77	4.09	5.11	3.64	3.11	3.43	4.88
Massena	0.31	0.26	2.38	2.54	4.21	2.94	5.09	4.69	2.78	1.42	2.83	3.35
New York City	2.68	2.13	2.99	4.11	5.76	3.02	7.64	3.02	11.51	1.15	4.21	3.71
Riverhead	2.89	2.27	3.77	6.58	2.96	0.88	3.36	3.94	6.97	2.04	4.55	4.13
Rochester	0.72	2.81	2.04	3.48	4.53	3.11	6.35	3.68	4.30	1.49	2.31	2.99
Syracuse	1.12	1.86	2.04	3.72	7.82	2.42	6.95	5.09	3.23	2.28	2.81	3.80
Utica	1.01	1.43	2.42	3.77	8.02	3.02	8.31	6.66	3.06	2.46	3.81	5.15
Watertown	1.60	0.81	1.97	2.88	4.09	2.58	3.66	4.34	3.33	2.79	3.29	5.49

1/ Data not available.

Weather information and data furnished in cooperation by National Weather Service, NOAA, U.S. Dept. of Commerce.

Table 93. **GROWING DEGREE DAYS:** New York Selected Stations, April-October, 2004 ^{1/}

Station	Apr.	May	June	July	Aug.	Sept.	Oct.	Season Total
Albany	100	377	486	694	606	406	72	2,715
Batavia	<u>2/</u>	338	<u>2/</u>	618	569	488	136	2,733
Binghamton	79	325	378	527	516	362	58	2,245
Bridgehamton	33	259	468	641	620	450	118	2,576
Buffalo	82	290	416	598	541	464	99	2,509
Cooperstown	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>	385	57	<u>2/</u>
Dansville	67	371	428	589	<u>2/</u>	448	90	2,538
Elmira	69	325	373	549	519	381	54	2,278
Fredonia	3	372	479	<u>2/</u>	570	454	166	<u>2/</u>
Glens Falls	59	287	364	563	513	307	48	2,158
Ithaca	66	360	381	561	533	390	55	2,357
Liberty	<u>2/</u>	<u>2/</u>	338	<u>2/</u>	494	342	<u>2/</u>	<u>2/</u>
Little Valley	60	269	295	<u>2/</u>	<u>2/</u>	340	35	<u>2/</u>
Lowville	34	257	318	526	447	329	46	1,981
Massena	49	213	354	577	465	309	58	2,046
New York City	102	401	606	764	734	591	212	3,429
Riverhead	93	390	557	745	756	587	202	3,340
Rochester	77	296	386	574	531	433	77	2,402
Syracuse	77	340	418	611	585	458	106	2,610
Utica	69	306	373	567	517	391	68	2,297
Watertown	45	219	408	540	465	343	63	2,009

^{1/} One growing degree day is accumulated for each whole degree that the daily mean temperature is above 50 degrees Fahrenheit.2/ Data not available.